

Abstract

The invention relates to a method and a device for spraying of a material, wherein the material to be sprayed is introduced into a flame formed by means of a fuel gas and the flame is used to spray the particles of the material to be sprayed to a desired target. The substance to be sprayed is introduced into the flame in liquid form and is atomized by means of a gas substantially in the vicinity of the flame. In this way, it is possible to produce very small particles, having a size in the order of magnitude of about one nanometre, fast, inexpensively and in one phase.